



PATENT

Docket No. 275.00080101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): GANAPATHY et al. ) Group Art Unit: 1642  
Serial No.: 10/718,359 )  
Confirmation No.: 3660 )  
Filed: November 20, 2003 )  
For: NaCT AS A TARGET FOR LIFESPAN EXPANSION AND WEIGHT  
REDUCTION

**SUBMISSION OF DRAWINGS UNDER 37 C.F.R. §1.85**

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir/Madam:

Attached please find 45 sheets of Drawings for the above-identified patent application. With the filing of the present application on November 20, 2003, a duplicate copy of Figure 11 was inadvertently included as Figure 12. The Drawings attached herewith include a corrected Figure 12 (Replacement Sheet 12 of 44). Because Figure 12, as filed herewith, is found as Figure 5 on page 23 of provisional applications 60/428,469 and 60/459,441, both of which are incorporated by reference into the instant application (page 1, lines 9-12 of 10/718,359), Applicants respectfully submit that no new matter is introduced by this correction of Figure 12.

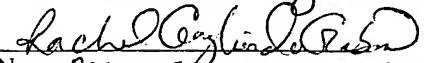
Please contact the Applicants' representative below if you have any questions.

**CERTIFICATE UNDER 37 C.F.R. 1.10:**

The undersigned hereby certifies that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated below and is addressed to Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

"Express Mail" mailing label number:  
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Date of Deposit: January 6, 2005

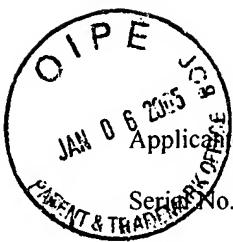
  
Name: RACHEL GAGLIARDI-GRABAU

January 6, 2005  
Date

Respectfully submitted for  
**GANAPATHY et al.**

By  
Mueting, Raasch & Gebhardt, P.A.  
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By:   
Nancy A. Johnson  
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Direct Dial (612)305-4723



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): **GANAPATHY et al.** Group Art Unit: **1642**  
Serial No.: **10/718,359** Examiner: **Unassigned**  
Filed: **November 20, 2003** Docket No.: **275.00080101**  
Title: **NaCT AS A TARGET FOR LIFESPAN EXPANSION AND WEIGHT REDUCTION**

Commissioner for Patents  
Mail Stop Missing Parts  
P.O. Box 1450  
Alexandria, VA 22313-1450

**PLEASE CHARGE ALL FEES TO DEPOSIT ACCOUNT NO. 13-4895**

We are transmitting the following documents along with this Transmittal Sheet (which is submitted in triplicate):

**Small entity status is entitled to be asserted in the above-identified application.**

An itemized return postcard.

A Petition for Extension of Time for three month(s).

A check in the amount of \$\_\_\_\_, representing \_\_\_\_.

A certified copy of a \_\_\_\_ application, Serial No. \_\_\_, filed \_\_\_\_\_, the right of priority of which is claimed under 35 U.S.C. §119.

Other: Copy of Notice to File Missing Parts of Nonprovisional Application (2 pgs); Communication Re: Missing Parts (2 pgs.); Executed Declaration (8 pgs); Communication and Amendment Requesting Entry of CRF of the Sequence Listing (2 pgs); Paper copy of Sequence Listing (33 pgs); Computer Readable Disk of Sequence Listing (1 disk); Submission of Drawings (1 pg); 45 Sheets of Replacement Drawings; Election and Power of Attorney with copy of Assignment document (6 pgs); Application Data Sheet (3 pgs); a Preliminary Amendment (5 pgs).

Amendment  No Additional fee is required.  The fee has been calculated as shown:

<b>Fee Calculation for Claims Pending After Amendment</b>					
	Pending Claims after Amendment (1)	Claims Paid for Earlier (2)	Number of Additional Claims (1-2)	Cost per Additional Claim	Additional Fees Required
Total Claims				x \$9 =	
Independent Claims				x \$44 =	
One or More New Multiple Dependent Claims Presented? If Yes, Add \$150 Here →					
Total Additional Claim Fees Required					

Please consider this a **PETITION FOR EXTENSION OF TIME** for a sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 13-4895. Triplicate copies of this sheet are enclosed.

MUETING, RAASCH & GEBHARDT, P.A.  
Customer Number: **26813**

By: Nancy A. Johnson  
Name: **Nancy A. Johnson**  
Reg. No.: **47266**  
Direct Dial: **612-305-4723**  
Facsimile: **612-305-1228**

**CERTIFICATE UNDER 37 CFR §1.10:**

"Express Mail" mailing label number: **EV405459942 US**

Date of Deposit: **January 6, 2005**

I hereby certify that the Transmittal Letter and the paper(s) and/or fee(s), as described hereinabove, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Commissioner for Patents, Mail Stop Missing Parts, P.O. Box 1450, Alexandria, VA 22313-1450.

By: Rachel Gagliardi-Grabau  
Name: **RACHEL GAGLIARDI - GRABAU**

(SMALL ENTITY TRANSMITTAL UNDER RULE 1.10)



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): GANAPATHY et al. ) Group Art Unit: 1642  
Serial No.: 10/718,359 ) Examiner: Unassigned  
Confirmation No.: 3660 )  
Filed: November 20, 2003 )  
For: NaCT AS A TARGET FOR LIFESPAN EXPANSION AND WEIGHT  
REDUCTION )

**COMMUNICATION RE: MISSING PARTS**

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the "Notice to File Missing Parts of Application," enclosed is an executed Declaration by the named inventors, 45 sheets of formal drawings and a computer readable sequence listing.

Upon issuance of a new filing receipt, Applicants respectfully request the following corrections be made:

**Applicant(s):**

Vadivel Ganapathy, Matinez, GA, should read, Vadivel Ganapathy, Martinez, GA.

(Typographical error in spelling of city)

**Title:**

NaCT as a target for lifespan expansion and weight reduction, should read, NaCT as a target for lifespan expansion and weight reduction

(Typographical error in spelling of expansion)

Please charge the amount of \$65.00 for the missing parts surcharge and any additional fees or over-payment to PTO Deposit Account No. 13-4895.

The application should now be in condition for examination. Please direct any inquiries to the undersigned attorney.

CERTIFICATE UNDER 37 C.F.R. 1.10:	
The undersigned hereby certifies that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated below and is addressed to Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
Express Mail" mailing label number: EV 405459942 US	
Date of Deposit:	<u>January 6, 2005</u>
<u>Rachel Gagliardi-Grabau</u>	
Name: <u>RACHEL GAGLIARDI-GRABAU</u>	

January 6, 2005  
Date

NAJ/sjt

Respectfully submitted for  
GANAPATHY et al.  
By  
Mueting, Raasch & Gebhardt, P.A.  
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**Customer Number 26813**

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Nancy A. Johnson  
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01-07-05

Page 1 of 2  
IPW

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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/718,359	11/20/2003	Vadivel Ganapathy	275.00080101

26813  
MUETING, RAASCH & GEBHARDT, P.A.  
P.O. BOX 581415  
MINNEAPOLIS, MN 55458

CONFIRMATION NO. 3660  
FORMALITIES LETTER



\*OC00000013489449\*

Date Mailed: 08/10/2004

**NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION**

01/10/2005 WASFAW1 00000008 134895 10718359

01 FC:2051 65.00 DA

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

**Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
  - The drawings submitted to the Office are not electronically reproducible. Drawing sheets must be submitted on paper, which is flexible, strong, white, smooth, non-shiny, and durable (see 37 CFR 1.84(e)). See Figure(s) 8 &15.
- This application clearly fails to comply with the requirements of 37 CFR 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the

"Sequence Listing", as well as an amendment directing its entry into the application. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

**For questions regarding compliance to these requirements, please contact:**

- **For Rules Interpretation, call (703) 308-4216**
- **To Purchase PatentIn Software, call (703) 306-2600**
- **For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov**

**SUMMARY OF FEES DUE:**

Total additional fee(s) required for this application is **\$65** for a Small Entity

- **\$65** Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

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*A copy of this notice **MUST** be returned with the reply.*

*Meagan W*  
Customer Service Center  
Initial Patent Examination Division (703) 308-1202  
PART 2 - COPY TO BE RETURNED WITH RESPONSE